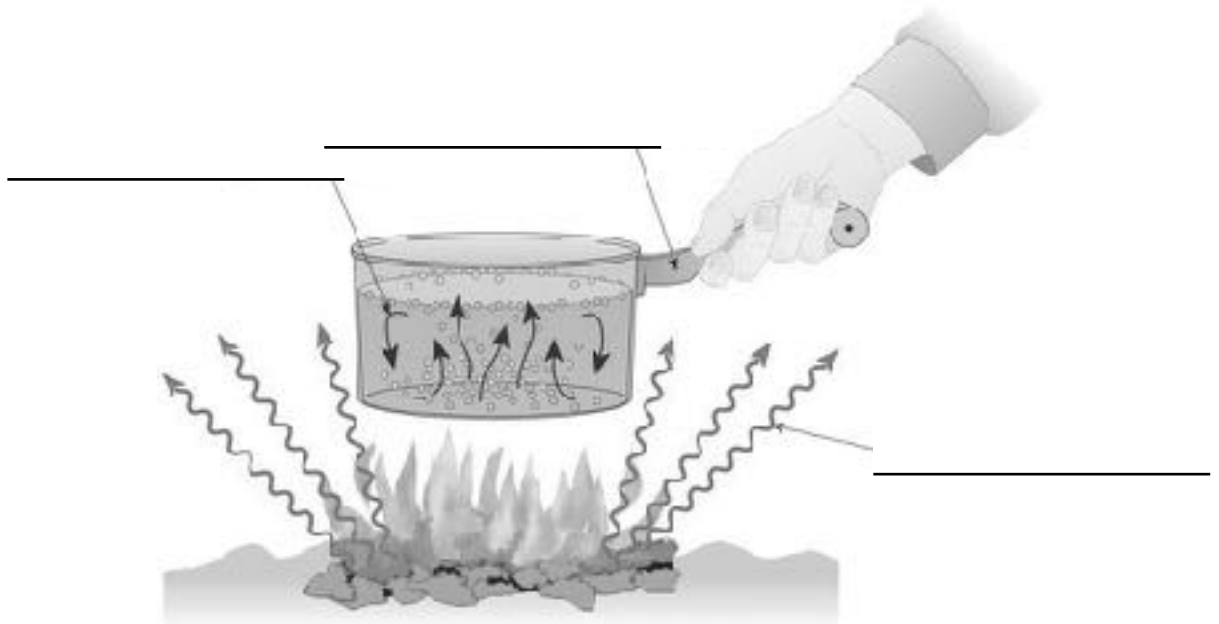


## Convection & the Mantle Performance Task

Name: \_\_\_\_\_ Date: \_\_\_\_\_

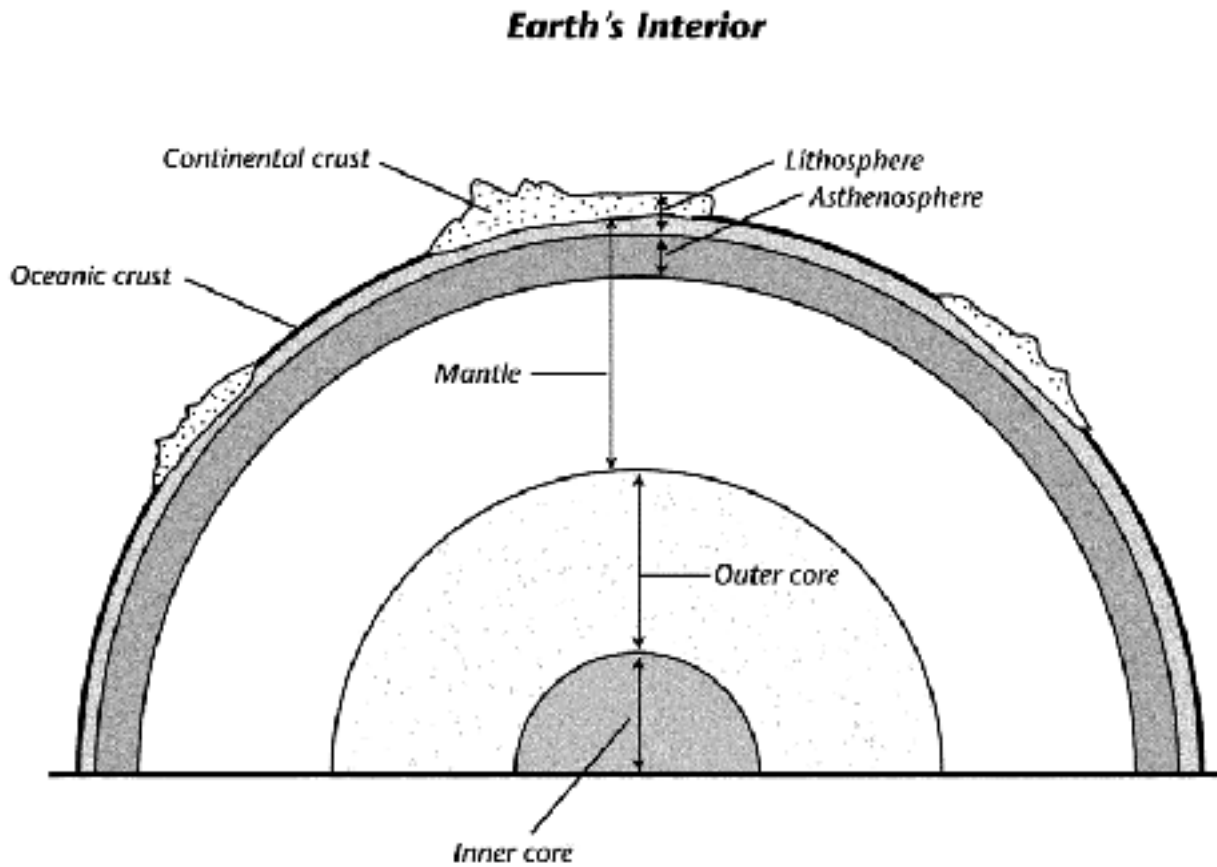
Date: \_\_\_\_\_ Score: \_\_\_\_\_

1) On the diagram below, draw and label convection currents accurately.



2) On the diagram above, label the types of heat transfer accurately.

3) On the diagram below, draw and label convection currents accurately.



4) What is the role of gravity in creating convection currents?

5) Describe how density causes the magma to rise and fall in the mantle.